

S (MICROSOFT (W) EXCEL) AND ((DISPLAY??? OR PRESENTATION) (S) (BAR
?????) AND PD<=000714

Your SELECT statement is:

S (MICROSOFT (W) EXCEL) AND ((DISPLAY??? OR PRESENTATION) (S) (BA
GRAPH??)) AND INTERNET AND ORDER??? AND (THRESHOLD OR TOTAL?
PD<=000714

Items File

Examined 50 files

Examined 100 files

Examined 150 files

Examined 200 files

Examined 250 files

Examined 300 files

Examined 350 files

1 995: NewsRoom 2000

1 file has one or more items; file list includes 369 files.
One or more terms were invalid in 218 files.

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T S1/3,KWIC/1

1/3,KWIC/1

DIALOG(R)File 995:NewsRoom 2000

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Using autonomous software agents to create next generation of decision support systems

Hess, Traci J

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...affected earnings. Users would have to directly manipulate the information used by the DSS in order to project future variances, effectively running what-if analyses using estimates of the needed inputs

...

...actual data. Such costs would include monitoring the current rates of resources. For example, in order for the system to project variances in resource rates, the rates of labor, materials, and...

...generating decision-making alternatives that could prevent significant variances from ever occurring.

Agent Integration

In order to explore the benefits of agents, Holsapple and Whinston's (1996) Variance Analysis DSS described...

...of the enhancements we included involved solving a mathematical programming problem. For this we used Microsoft Excel'sTM Solver (1997) and wrote code in Visual Basic for Applications.

Agents were integrated into...

...agent is to monitor the assigned part number and report changes in price that cross threshold values. The agent is persistent in that it continually runs in its own thread of...

...its environment. For this simple agent, a significant change occurs if

the part price crosses threshold values. Because of its simplicity, the data-monitoring agent offers a great deal of reusability...suppliers of manufacturing parts. (Several directory and/or matchmaking services have been developed on the Internet or for networked agent communities. See Bradshaw et al., 1997; Genesereth, 1997.) A data-gathering...
...Note that the data-gathering agent has been busy at a directory site on the Internet and is reporting potential new vendors, and that the data-monitoring agent has reported a...would require considerable effort. For example, an agent that learns user-display preferences ("I prefer bar graphs ") would be extensible, whereas a contact agent providing help screens would be highly system specific...become more feasible with agents and knowledge-based systems. While planning systems such as partial- order planning (McAllester & Rosenblitt, 1991) need further investigation to reduce planning's computational complexity, we believe...
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